Index of Claims



| Application No. | Applicant(s) | _ |
|-----------------|--------------|---|
| 10/720,442      | MANN ET AL.  |   |
| Examiner        | Art Unit     | _ |
| Ba K. Trinh     | 1625         |   |

| \[ \[ \] |   | Rejected |
|----------|---|----------|
| =        | = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      |          |          |          | Date     | e               |                 |                 | 10:        |          | Claim |              |         |           |  | Date            |          |         |          | 1          | Cl    | aim        |              |          |           | [        | Date | 2        |          | _        |          |
|----------|----------|----------|----------|----------|----------|-----------------|-----------------|-----------------|------------|----------|-------|--------------|---------|-----------|--|-----------------|----------|---------|----------|------------|-------|------------|--------------|----------|-----------|----------|------|----------|----------|----------|----------|
| l _      | <u>~</u> | 4        |          |          | 1        |                 |                 |                 | 35.7       |          | .   7 | ā            |         |           |  |                 |          |         |          |            | _     | <u>a</u>   |              |          |           |          |      |          |          |          |          |
| Final    | Original | 121004   |          |          |          |                 |                 |                 |            | H<br>I   |       | 5            |         |           |  |                 |          |         |          |            | Final | Original   |              |          |           |          |      |          |          | ]        |          |
| <b>L</b> | ō        | 12       |          |          |          |                 |                 |                 | 4          | 4        | ة   ٦ | 5            |         |           |  |                 | -        |         |          | 200        | ш     | ö          |              |          |           |          |      |          |          |          |          |
| <u> </u> | 1        | -        |          |          | ╁        |                 |                 | $\vdash$        | -[:        |          | 5     | - 1          | +       | +         | ⊢  | Н               | +        | +       |          | Ç.         |       | 101        |              |          |           | -        | _    | _        |          |          |          |
| <u> </u> | 2        | -        | +        | +        | +        | ⊢               | -               | ┝╼┼             | -0.        | $\vdash$ | 5     | <del> </del> | +       | +         | ⊢  | Н               | -        | +       | $\dashv$ |            |       | 102        |              |          |           |          |      |          | -        | $\dashv$ | -        |
| $\vdash$ | 3        | $\vdash$ | -        | +-       | +-       | -               | Н               | $\vdash$        | -13        | -        | 5     |              | +       | +         | $\vdash$   | $\vdash$        | +        | +       | $\dashv$ |            |       | 103        | H            |          | -         | -        | -    | Н        | -        | $\dashv$ | $\dashv$ |
|          | 4        |          |          | +        | †        |                 |                 | -               | -          |          | 5     | 4            | +       | $\dagger$ |  |                 | _ -      | 1       | $\neg$   |            |       | 104        | -            |          |           |          |      |          |          |          |          |
|          | 5        |          |          | $\top$   | Т        |                 |                 |                 | 13.        |          | 5     | 5            | $\top$  | 1         | 1  |                 |          |         |          | 7.4        |       | 105        |              |          |           |          |      |          |          | $\neg$   |          |
|          | 6        |          |          |          |          |                 |                 |                 | 100<br>100 |          | 5     | 6            |         |           |  |                 |          |         |          |            |       | 106        |              |          |           |          |      |          |          |          |          |
|          | 7        |          |          |          |          |                 |                 |                 | 2          |          | 5     | 7            |         |           |  |                 |          |         |          |            |       | 107        | L            |          |           |          |      |          |          |          |          |
| 1        | 8        | =        | $\perp$  | $\bot$   | <u> </u> |                 |                 | $\sqcup$        | _          | _        | 5     | 8            | $\bot$  | <u> </u>  | <u> </u>   |                 | _ _      | Щ       |          |            |       | 108        |              |          |           |          |      |          |          | _        |          |
| 2        | 9        | =        |          | -        |          | $\vdash$        | Ш               | $\vdash$        | -1         | <u> </u> | 5     | 9            | -       | 1-        | <u> </u>   | Ы               | - -      |         | _        |            |       | 109        |              |          |           |          |      |          | _        | $\dashv$ |          |
| 3        | 10       | =        | -        | +-       | ┼        | -               |                 | $\vdash$        | -          | _        | 6     |              | +       | ⊢         | <u> </u>   |                 |          | +       | $\dashv$ |            |       | 110        |              | _        | _         |          |      | -        |          | $\dashv$ | _        |
| 4        | 11<br>12 | =        | $\vdash$ | +        |          | $\vdash$        |                 | -               | -          | -        | 6     | ;+           | +       | $\vdash$  | -  | $\vdash \vdash$ | +        | +       | $\dashv$ |            |       | 111<br>112 | <del> </del> | Н        |           | -        |      | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| 5        | 13       | =        | $\vdash$ | +        | +-       |                 | $\vdash$        | $\vdash \vdash$ |            |          | 6     |              |         | +         | -  | $\vdash$        | +        | +       | $\dashv$ |            |       | 113        |              | H        |           |          |      | $\vdash$ |          | $\dashv$ | -        |
| 6        | 14       | =        | $\dashv$ | +        | +        |                 | $\vdash$        | 1               |            |          | 6     | 4            | +       | 1         | _  | $\vdash$        | +        | +       | $\dashv$ |            |       | 114        | $\vdash$     | H        | $\dashv$  | $\dashv$ |      | -        | $\dashv$ | $\neg$   |          |
| Ť        | 15       | П        | $\dashv$ | $\top$   | T        |                 |                 | $\sqcap$        | 1          |          | 6     | 5            | 1-      | 1         | <del>                                     </del> | $\Box$          | $\top$   |         | $\dashv$ |            |       | 115        | П            | Н        | $\exists$ |          |      |          |          | -        | $\vdash$ |
|          | 16       |          |          |          |          |                 | П               |                 |            |          | 6     | 6            |         | T         | Г  | П               | $\top$   | $\top$  |          | , ý        |       | 116        |              |          |           |          |      |          |          |          | $\neg$   |
|          | 17       |          |          |          |          |                 |                 |                 |            |          | 6     | 7            |         |           |  |                 |          | $\Box$  |          |            |       | 117        |              |          |           |          |      |          |          |          |          |
|          | 18       |          |          |          |          |                 |                 |                 |            |          | 6     |              |         |           |  |                 |          |         |          |            |       | 118        |              |          |           |          |      |          |          |          |          |
| <u> </u> | 19       |          |          |          |          |                 |                 |                 | _ ***      | -        | 6     | 9            |         |           | _  |                 |          |         |          |            |       | 119        |              |          |           |          |      |          |          |          |          |
| L        | 20       |          |          | _        |          | Ш               |                 |                 |            |          | 7     |              |         | ↓_        | _  |                 |          | $\perp$ |          |            |       | 120        |              | Ш        |           |          |      |          |          |          |          |
| <u> </u> | 21       | _        | $\perp$  | _        |          |                 |                 | <u> </u>        |            |          | 7     | 1            | - -     | 1         | L  |                 |          |         | $\dashv$ |            |       | 121        |              | <u>.</u> |           |          |      |          |          |          |          |
|          | 22<br>23 | -        | $\dashv$ |          | +        |                 |                 | -               | -8         | _        | 7     |              |         | -         | ⊢  | H               |          |         |          |            |       | 122        |              |          |           |          |      |          | -1       | _        |          |
| <u> </u> | 24       |          | +        | +        | $\vdash$ | H               |                 |                 | j          | $\vdash$ | 7     | 3  -         | +       | ╁         | H  | Н               | +        | +       | -        |            |       | 123<br>124 | _            | -        |           |          |      |          |          |          |          |
| _        | 25       |          | $\dashv$ | +-       | -        | $\vdash$        | $\vdash$        |                 | - 18       | -        | 7     | 5            | -       | -         |  | -               |          | +       |          |            |       | 125        |              |          | -         | -        |      |          |          | $\dashv$ |          |
|          | 26       |          | _        | +        |          |                 |                 |                 |            |          | 7     | 6            | +       | $\vdash$  | $\vdash$   | H               | +        | +       | $\dashv$ |            |       | 126        | -            | $\vdash$ |           |          |      |          | $\dashv$ | ᅱ        | -        |
|          | 27       |          |          | 1        |          |                 |                 |                 |            |          | 7     |              | $\top$  | 1         | $\vdash$   |                 |          | $\top$  |          | \$6<br>\$6 |       | 127        |              | Н        | $\dashv$  |          |      |          | $\dashv$ | $\dashv$ |          |
|          | 28       |          |          |          |          |                 |                 |                 | 946<br>201 |          | 7     | В            |         |           |  |                 |          |         |          | -          |       | 128        |              | П        | $\neg$    |          | _    |          |          | $\neg$   |          |
|          | 29       |          |          |          |          |                 |                 |                 | 15         | 100      | 7     | 9            |         |           |  |                 |          |         |          |            |       | 129        |              |          |           |          |      |          |          |          |          |
|          | 30       |          |          |          |          |                 |                 |                 |            |          | 8     |              |         |           |  |                 |          |         |          |            |       | 130        |              |          |           |          |      |          |          |          |          |
|          | 31       |          | _        |          | <u> </u> | Ш               | Ш               |                 |            |          | 8     | 1            |         |           | _  |                 |          | $\perp$ | _        |            |       | 131        |              |          |           |          |      |          |          |          |          |
|          | 32       |          |          |          | ╄        | Н               | Ш               | $\vdash$        | -          | _        | 8     | 2            |         | 1         | _  | $\sqcup$        | -        | 4-4     | _        |            |       | 132        | _            |          | _         | _        |      |          | _        | _        | _        |
|          | 33       | _        |          |          | $\vdash$ |                 | $\vdash \vdash$ |                 | - 3        |          | 8     |              | -       | 1         | ┡  | $\vdash$        |          | -       | 4        |            |       | 133        |              |          |           |          |      |          |          | _        | _        |
| <u> </u> | 34<br>35 | Н        |          | +-       | +        | $\vdash$        |                 | -+              | -          | -        | 8     |              | +       | 1         | $\vdash$   | $\vdash$        |          | +       | {        |            |       | 134<br>135 | _            |          |           |          |      | $\vdash$ |          | -        | ·        |
| $\vdash$ | 36       | $\vdash$ | +        | +-       | -        | Н               | $\vdash$        | +               |            |          | 8     | <del>-</del> | +       | $\vdash$  | $\vdash$   | $\vdash$        | $\dashv$ | +       |          |            |       | 136        | _            | $\dashv$ | -         |          | -    | -        |          | $\dashv$ |          |
| <u> </u> | 37       | $\vdash$ | +        | ╁        | 1        | -               | H               | $\vdash$        | 100        | 1        | 8     |              | +       | $\vdash$  | $\vdash$   | H               |          | ╅╾┨     | $\dashv$ | Š          |       | 137        |              | $\dashv$ | $\dashv$  | _        | -    |          | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 38       | $\Box$   | 十        | 1        | П        | П               | -               | $\vdash$        |            | _        | 8     | в            | $\top$  |           |  | $\vdash$        | -        | 1-1     |          |            |       | 138        |              |          |           | $\neg$   | -    | $\dashv$ |          | $\dashv$ | $\dashv$ |
| L        | 39       |          |          |          | П        | П               | П               |                 |            |          | 8     | 9            | 1       |           | Г  | $\sqcap$        |          | $\top$  | $\dashv$ |            |       | 139        |              |          | $\dashv$  | ᅥ        | _    | $\vdash$ | $\neg$   | ᅥ        | $\dashv$ |
|          | 40       |          |          |          |          |                 |                 |                 |            |          | 9     | 0            |         |           |  |                 |          |         |          | #47<br>#12 |       | 140        |              |          |           |          |      |          |          | $\dashv$ | ᅱ        |
|          | 41       |          | $\Box$   | <u> </u> |          |                 | Ш               |                 | _ ::       |          | 9     | 1            |         |           |  |                 |          |         |          |            |       | 141        |              |          |           |          |      |          |          |          |          |
|          | 42       |          | 4        | 4        | $\perp$  | $\sqcup$        |                 |                 | 4          | _        | 9     |              | $\perp$ |           | $oxedsymbol{oxed}$                               | Щ               |          | ot      |          |            |       | 142        |              |          | $\Box$    |          |      |          | $\Box$   | $\Box$   |          |
|          | 43       | $\vdash$ | - -      | -        | $\Box$   | $\square$       | Щ               | $\perp$         | - 1        | <u> </u> | 9     | 3            | +       | <u> </u>  | _  | $\sqcup$        | _ _      | 4-1     | _        |            |       | 143        |              | _        | _         |          |      | _        |          | _        | _        |
| <u> </u> | 44<br>45 | $\vdash$ |          |          | $\vdash$ | $\vdash$        | $\vdash \vdash$ | $\vdash$        | -          | -        | 9     |              | +       | $\vdash$  |  | $\dashv$        | 4        | 4-1     | _        | 4          |       | 144        | Ш            |          | _         | _        |      | _        | _        | $\dashv$ | $\dashv$ |
|          | 46       | ├┈┤      |          | +        | $\vdash$ | $\vdash \dashv$ | $\vdash \vdash$ | +               | -1         | -        | 9     | 2            | +       | $\vdash$  | H  | $\vdash \vdash$ | +        | ╂╼┤     |          |            |       | 145        | -            | $\dashv$ | {         | $\dashv$ | _    |          | -        | $\dashv$ | $\dashv$ |
| <b> </b> | 47       |          |          | +        | $\vdash$ | $\vdash$        | $\vdash$        | $\vdash$        | -          | -        | 9     |              | +       | -         | -  | $\dashv$        | $\dashv$ | ╁╌┤     | $\dashv$ |            |       | 146<br>147 | _            | $\dashv$ | -         | -        | -    |          | $\dashv$ |          | $\dashv$ |
| <u> </u> | 48       | $\vdash$ | +        | +        | $\vdash$ | $\vdash$        | H               | +               | - 3        |          | 9     |              | +       | $\vdash$  |  | $\vdash \vdash$ | +        | +       | -        | ă.         |       | 148        |              | $\dashv$ | $\dashv$  | $\dashv$ | _    | -        | $\dashv$ | -        | $\dashv$ |
|          | 49       |          | $\dashv$ | $\top$   | $\sqcap$ | $\vdash$        |                 | $\neg +$        | 15.2       |          | 9     |              | +       | $\vdash$  |  | $\vdash$        | -        | ╁┤      | $\dashv$ | 4          |       | 149        | $\dashv$     | $\dashv$ | -         | $\dashv$ |      |          | -        | $\dashv$ | $\dashv$ |
|          | 50       |          |          |          |          |                 |                 |                 |            |          | 10    |              | $\top$  |           |  |                 | _ _      | 11      |          |            |       | 150        | 一            |          | _         |          |      | 寸        | 一        | 一        | 一        |